

Title (en)  
ENZYMATIC METHOD FOR PREPARATION OF UDP-GALACTOSE

Title (de)  
ENZYMATISCHES VERFAHREN ZUR HERSTELLUNG VON UDP-GALACTOSE

Title (fr)  
PROCÉDÉ ENZYMATIQUE POUR LA PRÉPARATION D'UDP-GALACTOSE

Publication  
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Application  
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Abstract (en)  
[origin: EP3819381A1] The present invention relates to an enzyme-catalyzed process for producing UDP-galactose from low-cost substrates uridine monophosphate and D-galactose in a single reaction mixture. Said process can be operated (semi)continuously or in batch mode. Further, said process can be adapted to produce galactosylated molecules and biomolecules including saccharides, proteins, peptides, glycoproteins or glycopeptides, particularly human milk oligosaccharides (HMO) and (monoclonal) antibodies.

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